



Welcome to the
December 10, 2009

Kentucky Wireless Interoperability Executive Committee Meeting



Open Meeting

- Welcome
 - Visitors are asked to keep comments until called for
- Roll Call
 - {Conference Bridge is Active}
 - {Please SPEAK UP}



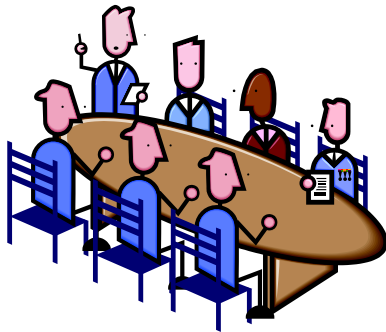


Old Business



Minutes

- **Discussion/ Approval of last meeting's Minutes (Vote)**





Chairperson's Report

Chuck Miller



KWIEC Members

1	Chairperson	Jim Barnhart
2	Office for Infrastructure Services, Commonwealth Office of Technology	Steve Rucker
3	Kentucky Educational Television	Michael Harris
4	Transportation Cabinet	Dan Mauer
5	Justice and Public Safety Cabinet	Don Pendleton
6	Department of the Kentucky State Police	Col Brad Bates
7	Department of Fish and Wildlife Resources	Col Robert Milligan
8	Environmental and Public Protection Cabinet	Ken Jorette
9	Division of Emergency Management, Department of Military Affairs	Col Rodney Hayes
10	Kentucky Office of Homeland Security	Mary Pedersen
11	Department for Public Health, Cabinet for Health and Family Services	Rodney Murphy
12	Center for Rural Development	Lonnie Lawson
13	<i>Postsecondary Education - Council on Postsecondary Education</i>	Pamela Collins
14	<i>Municipal Government - Kentucky League of Cities</i>	Rebecca Hopkins
15	<i>County Government - Kentucky Association of Counties</i>	Steve Cornish
16	<i>Municipal Police Department - Kentucky Association of Chiefs of Police</i>	Mike Ward
17	<i>Local Fire Department - Kentucky Association of Fire Chiefs</i>	<Empty>
18	<i>County Sheriff's Department - Kentucky Sheriffs' Association</i>	Wayne Wright
19	<i>Local Emergency Medical Services - Kentucky Board of Emergency Medical Services</i>	Charles O' Neal
20	<i>Local 911 Dispatch Center - Kentucky Chapter of the National Emergency Number Association</i>	Stephen Mitchell
	Executive Director of the Office of 911	Joe Barrows

SCIP

Establish and Implement a Statewide Public Safety Interoperability Plan

- Annual Review
 - A workgroup to update the SCIP for 2010 was convened on 5 Nov 2009
 - Final updates were made and emailed last week
 - It's a living document
- Discussion of the contents is scheduled for today



SCIP Discussion & Vote

Establish and Implement a Statewide Public Safety Interoperability Plan

- Are there any changes desired by the KWIEC?
- Once the KWIEC approves the document, the final tweaks will be made and it will be posted.
 - Cross Referencing, page numbers, TOC
- Motion to approve?

Annual Public Safety Report

Report annually by September 15 to the Interim Joint Committee on Seniors, Veterans, Military Affairs, and Public Protection and the Interim Joint Committee on State Government on progress and activity by agencies of the Commonwealth to comply with standards to achieve public safety communications interoperability.

- The Annual Public Safety Report was completed and submitted on September 15th
- No mass printings are planned
- Posted to KWIEC website



Wireless Projects - 2009

Evaluate primary State and local Wireless Public Safety Voice and Data Communications Project Plans

The new process was explained at the last meeting.

- KOHS projects were typically received
- JAG projects are now also being received
- State level projects are still being sent to the KWIEC (KSP, KSP, Fish & Wildlife)
- Grants cycle is a just around the corner



Infrastructure Funding

Develop Funding and Support Plans that provide for the maintenance and technological upgrades to the Public Safety Shared Infrastructure

- The KWIEC addressed this by the creation of the Funding Initiatives Workgroup
- Robert Milligan is the Chairperson of the group
- New members have been selected by the Chairperson of the FIWG {*Introductions*}
- Scope needs to be further defined
- {*UPDATE-?*}



Report on 2009 KWIEC Goals

GOAL 1

- Merge the Architecture and Standards Working Group into the Public Safety Working Group and expand their level of responsibility. - **COMPLETE**

GOAL 2 –

- Charter and staff a funding subcommittee with a responsibility of finding and evaluating different funding programs, streams, and grants. - **PARTIAL**

Report on 2009 KWIEC Goals

GOAL 3 –

- Complete the Eastern portion of the KEWS Digital upgrade project.

GOAL 4 –

- Identify immediate-need state level wireless communications projects which are unfunded.
 - *Broadband wireless Pilot - ?*
 - *Others are being looked at by the PSWG*

Tasks, Issues & Concerns

1	There is currently no way to monitor the remote radio systems of the major RF networks in the State - Update?
2	Reinstate 911 Director position – Pending
3	Reappoint existing KWIEC members – Partial
4	Provide Scope of FIWG to Col Milligan - Pending
5	Determine who owns COML – Update follows
6	Mary & Chuck get a SCIP review committee together - COMPLETE
7	KWIEC 2010 Goals need to be adopted - Pending

Questions?



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Public Safety Working Group

Derek Nesselrode



PSWG Responsibilities

- Evaluate new technology and technical solutions to planned projects
 - **Ongoing**
- Using the SCIP as a source, begin efforts to create a long term (ten year or more) plan which makes the eventual voice and data convergence of technology a priority
- Publish recommended minimum requirements for all radio systems
 - **Complete for 2009**
 - **Briefing to follow - Jeff**

PSWG Responsibilities

- Review the AEL for obvious misses to the minimum recommended standards
- Maintain an inventory of State radio assets
 - **CASM Account created**
- Conduct an annual review of State radio infrastructures
 - **Emergency Communications assets - complete**

PSWG Responsibilities

- Recommend projects to the KWIEC
 - **State level wireless broadband pilot**
- Conduct an annual review of the SCIP, make recommendations for changes, and provide a report back to the KWIEC
 - **Complete**
 - **Additional changes are coming (OEC)**
- Provide periodic briefings to the KWIEC as required
 - **Quarterly updates**
 - **Informational Briefings provided as requested**

Questions?



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Any other Old Business?
Discussion/Questions?





New Business



REMINDER

- VISITORS -

- This is an open meeting but is managed to the agenda. Questions and comments will be taken from the floor only when called for during the Open Discussion.
- Please do not interrupt until recognized by the Chair or Presenter.



Digital Interoperability Standards For the Commonwealth

Jeff Mitchell



Public Safety Working Group

Looking to the future of communications in the Commonwealth.

2009 KOHS Grants review

- 41 total infrastructure applications reviewed
 - 16 non RF applications
 - Tower
 - other
 - 25 RF applications

2010 Grant Cycle Priorities

- Narrowbanding has been requested by the PSWG to be the priority for 2010 grant cycle.
- Why Narrowbanding?

Why do we need to worry about Narrow Banding ?

- The Federal Communications Commission (FCC) has mandated that all non-Federal public safety licensees using 25 kHz radio systems migrate to narrowband 12.5 kHz channels by January 1, 2013.
- Agencies that do not meet the deadline face the loss of communication capabilities.
- To phase in the migration deadline of January 1, 2013, the FCC has established interim deadlines. The first important deadline is January 1, 2011, after which:
 - The FCC will not grant applications for new voice operations or applications to expand the authorized contour of existing stations that use 25 kHz channels. Only narrowband authorizations will be granted.
 - The FCC will prohibit manufacture or importation of new equipment that operates on 25 kHz channels.
- *From US Dept of Justice/Office of Justice Programs website*

What happens if we do not comply with FCC Narrow Banding mandate?

- Cancellation of non- narrowband license on Jan.1 2013.
- \$1000 per day per frequency for using non-licensed frequencies.

– Examples:

• Shelby – 28 frequencies	\$196,000 per week
• Franklin – 30 frequencies	\$210,000 per week
• Pike – 53 frequencies	\$371,000 per week
• Fayette – 79 frequencies	\$553,000 per week
• Marshall – 89 frequencies	\$623,000 per week

What does this mean to the Commonwealth?

- Possible large fines.
- Potential loss of functional radio systems.
- FCC relicensing
- Logistics of reprogramming and other infrastructure upgrades.
- Upcoming purchases of new radio systems/networks.

What is the PSWG thinking when we make recommendations?

- Enterprise approach
- Vision for future
- Leverage existing and future resources
- Eliminate silo radio systems
- Focus on the KWIEC tasks/obligations
- Make the tough decisions now for our future

What is the PSWG requesting?

- The PSWG would like to request that the KWIEC endorse the Office of Emergency Communications FY2010 SAFECOM guidance for grants program which states:

Land Mobile Radio Systems

All new digital voice systems must be compliant with the Project 25 (P25) suite of standards. This requirement is intended for government-owned or -leased digital land mobile public safety radio equipment.

Bottom Line

- If a digital radio system is purchased using state or federal funding, the radio must meet P-25 standards.
- These requirements in no way affect analog radio systems.
- These requirements will in no way impact locally funded projects.

PSWG P-25 definition

- PSWG defines a P-25 radio as a radio able to provide P-25 functionality, new out of the box without any hardware or firmware upgrades.

Unit pricing breakdown

- P-25 upgradable pricing:

- Kenwood

- Mobile - \$654.75
 - Portable - \$654.75

- Motorola

- Mobile - \$1,057.00
 - Portable - \$930.00

- P-25 pricing:

- Kenwood

- Mobile - \$1,057.00 - \$402.25
 - Portable - \$930.00 - \$275.62

- Motorola

- Mobile - \$1,355.00 - \$210.00
 - Portable - \$1,025.00 - \$95.00

Future Command and Control Response Vehicle



Questions?



Open Floor



Recommended KWIEC Goals for 2010

1. Endorse a public safety communications standard for digital voice in the commonwealth.
2. Encourage/push for a public safety broadband data pilot project
3. KEWS {Continue this goal until complete}
4. Educate public safety agencies on the upcoming FCC Narrowbanding mandate



Adjournment

- Closing Remarks
- Upcoming Events

